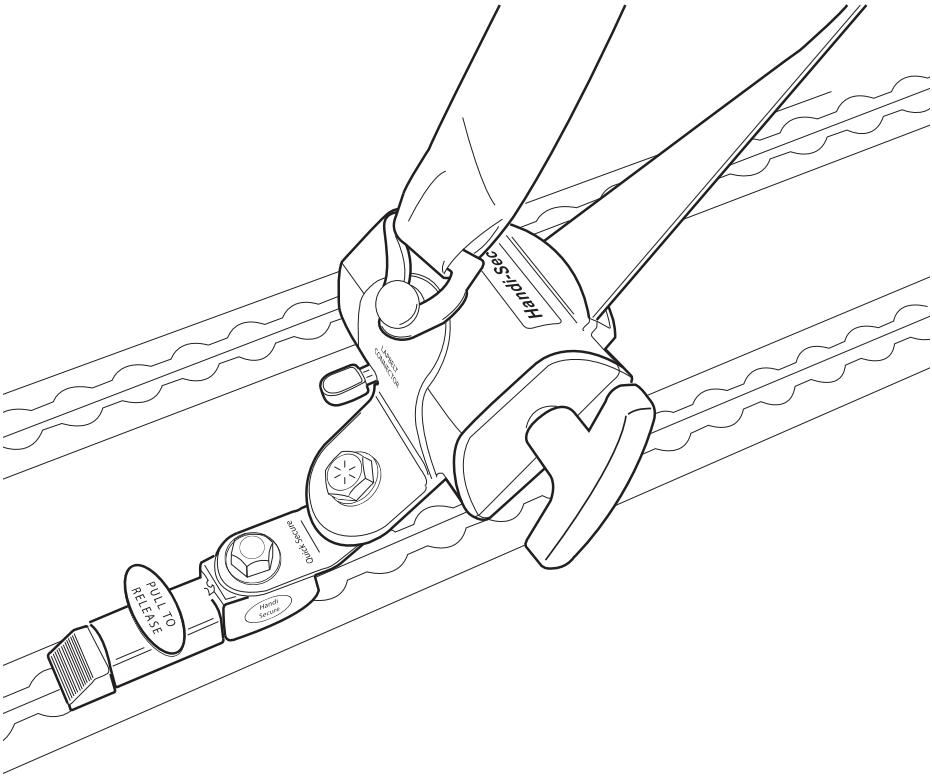
USER MANUAL

handisecure™

WHEELCHAIR & OCCUPANT RESTRAINT SYSTEM



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WHEELCHAIR & OCCUPANT **RESTRAINT SYSTEM**

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ENGLISH

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The information provided is based on general data concerning the construction known at the time of the publication of this manual. **Handicare** executes a policy of continuous improvement and reserves the right to changes and modifi cations.

The information provided is valid for the product in its standard version. Handicare can therefore not be held liable for any damage resulting from specifi cations of the product deviating from the standard configuration. Illustrations contained in the manual may deviate from the configuration of your product.

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General

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WHEELCHAIR & OCCUPANT **RESTRAINT SYSTEM**

Fitting:

The four retractors must be placed within the zones - see illustrations on pages 6-8. The extent of head and chest excursions also depend on the location of the upper torso belt anchor points and may increase as anchor-point distance above and behind the occupant's shoulder increases.

The pelvic belt should be worn low across the front of the pelvis so as to bear upon the bony structure of the body, with any junctions between the pelvic and shoulder restraints located near the passenger's hip. The angle of the pelvic belt should be within the preferred zone, see illustrations on pages 6-8.

Belts should not be held away from the body by wheelchair components or parts such as the wheelchair armrests and wheels. See illustration "Belt", on page 8. Adjust the belts as firmly as possible consistent with user comfort. Fit the upper-torso belts over the shoulder. The belts must twist as little as possible.

Maintenance:

- Prevent any contact with polishes, oils and chemicals, particularty battery acid (H_2SO_4)
- Cleaning: Use cleaning solutions without chemicals, e.g. snow flakes.
- Parts should be replaced if frayed, contaminated, worn or broken.
- The entire system should be replaced, if it has been implicated in an accident.

Warranty:

See page 15

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Automatic retractor for mounting in HandiFloor™.

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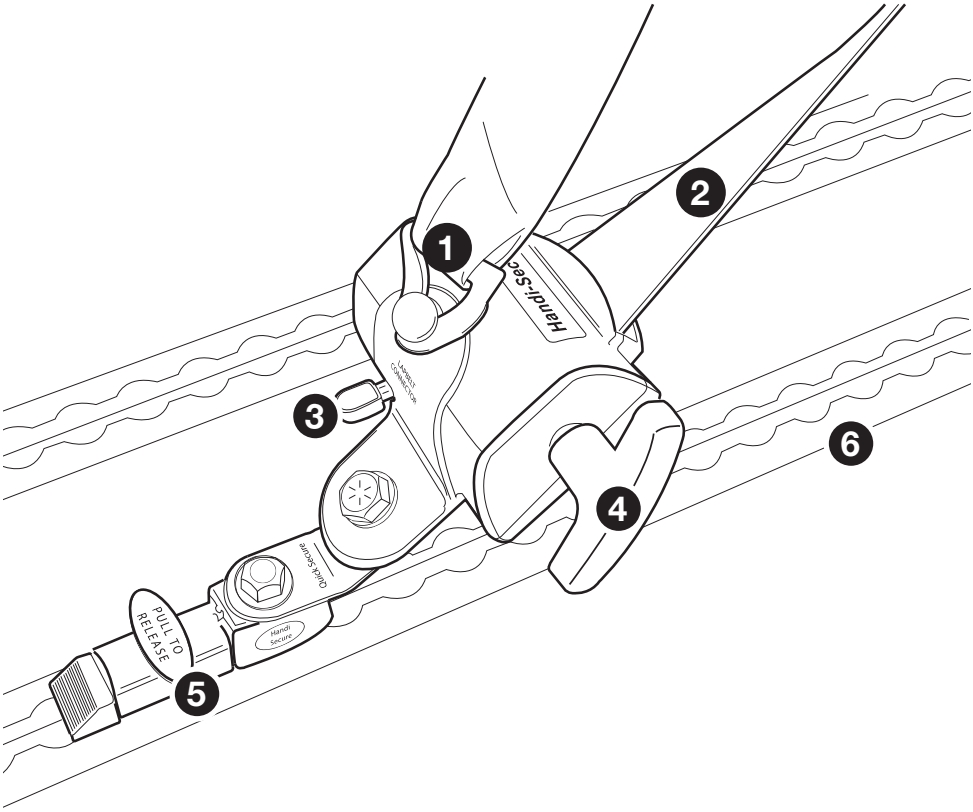

1. Retractor, lap belt.
2. Belt with hooks.
3. Release button, belt.
4. Tightening handles.
5. Release handle.
6. HandiFloor™ aluminium floor.

Automatic retractor for track mounting.

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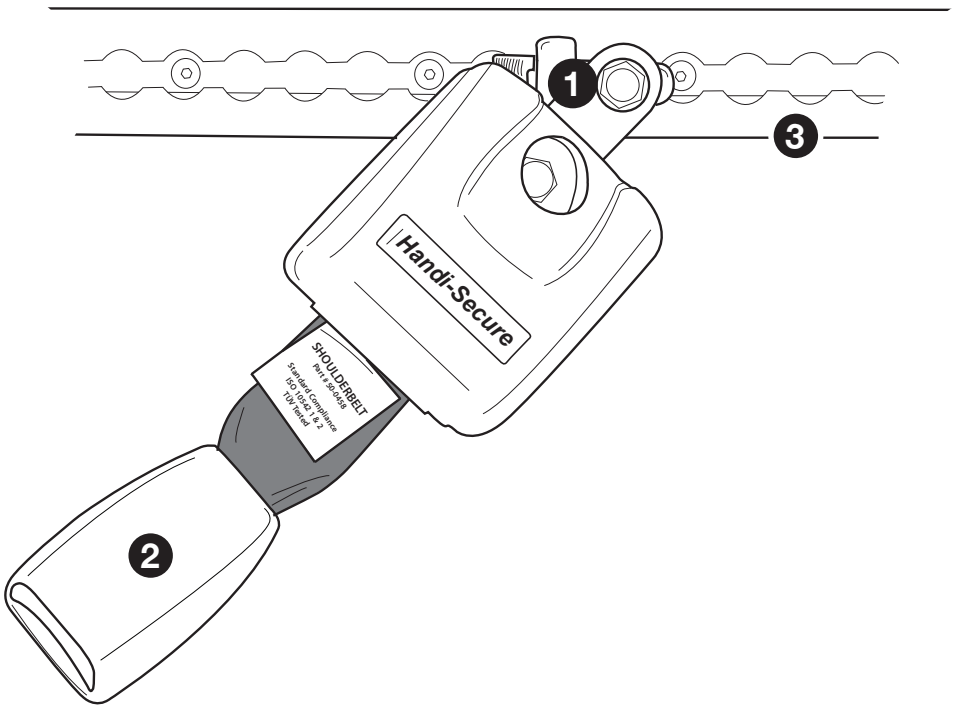
WHEELCHAIR & OCCUPANT RESTRAINT SYSTEM



1. **Release handle.**
2. **Shoulder belt.**
3. **HandiFloor™, aluminium track.**

Placement of Handi Secure™ floor retractor, front.

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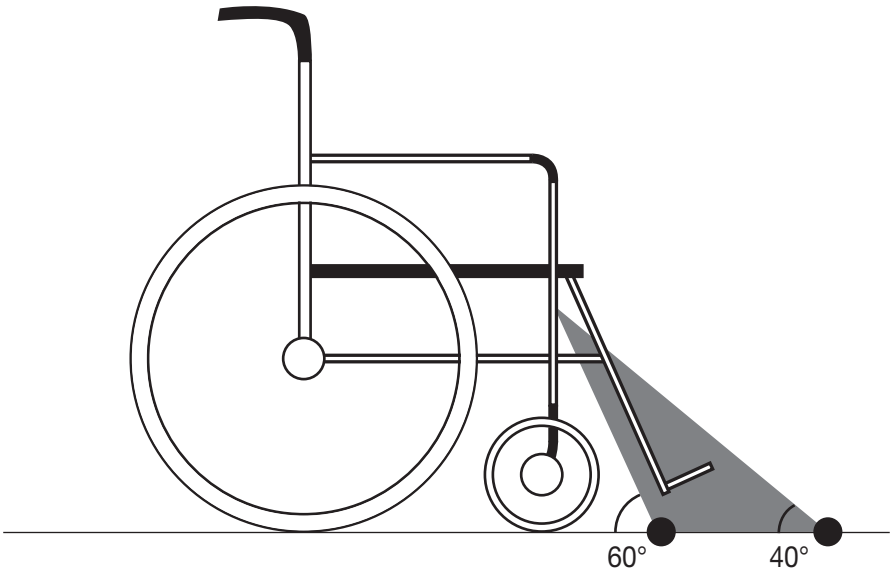
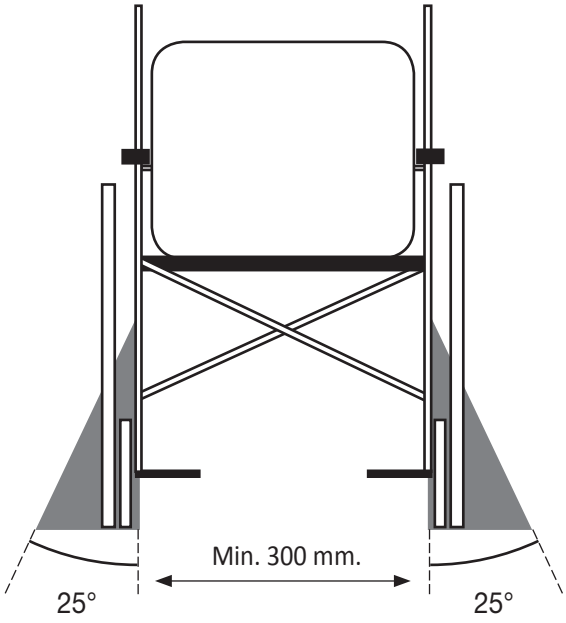
WHEELCHAIR & OCCUPANT RESTRAINT SYSTEM





Placement of Handi Secure™ floor retractor, back.

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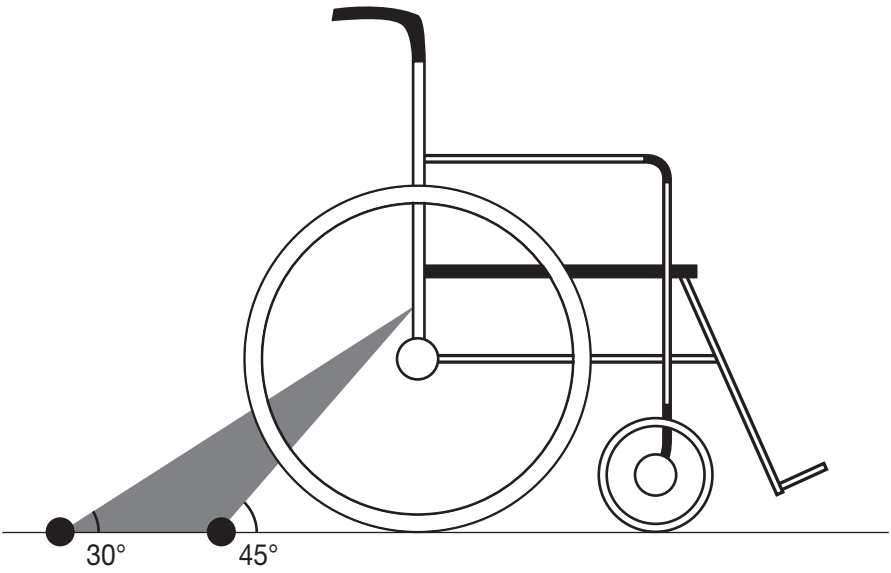
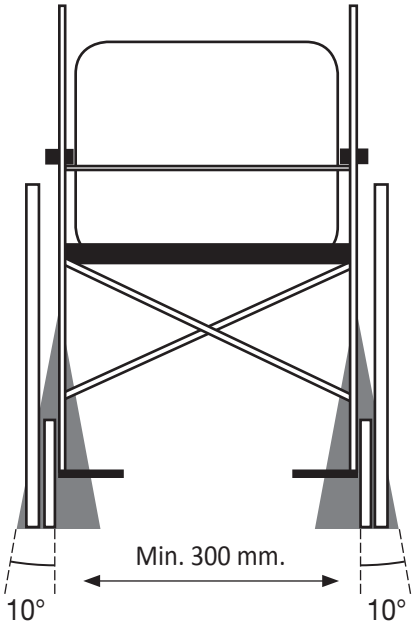
WHEELCHAIR & OCCUPANT RESTRAINT SYSTEM





Belts

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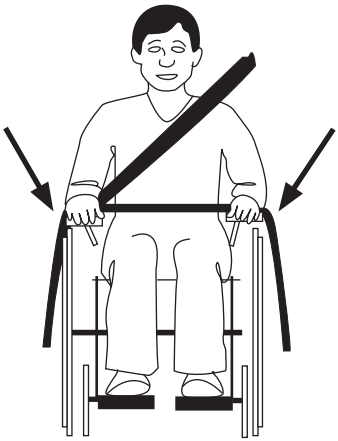
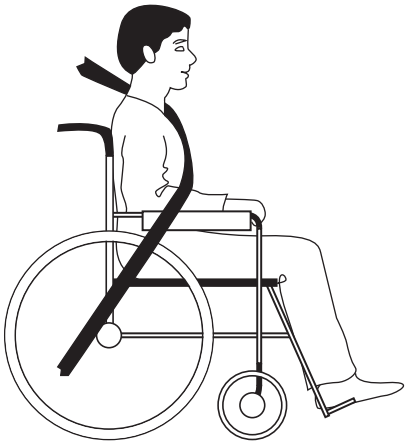
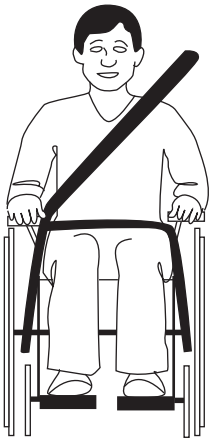
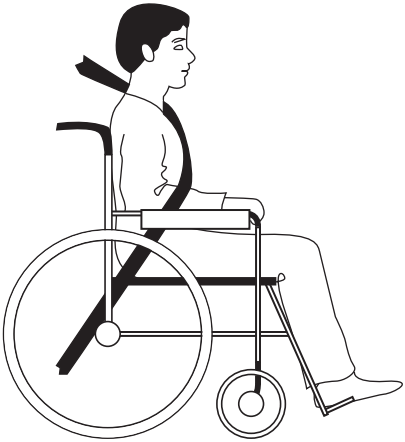
WHEELCHAIR & OCCUPANT **RESTRAINT SYSTEM**

All belts are tensioned around the passenger, ***not the wheelchair.***









1

Place the four retractors in the tracks.

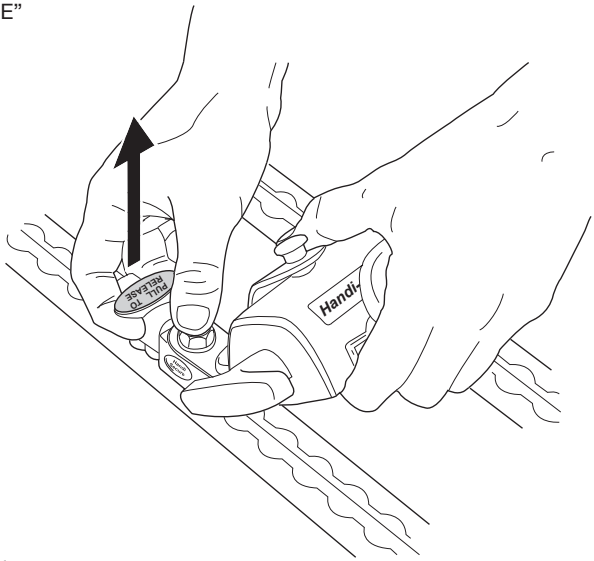
Pull up the red handle “PULL TO RELEASE”

Place the retractor in the track.

Let go of the handle.

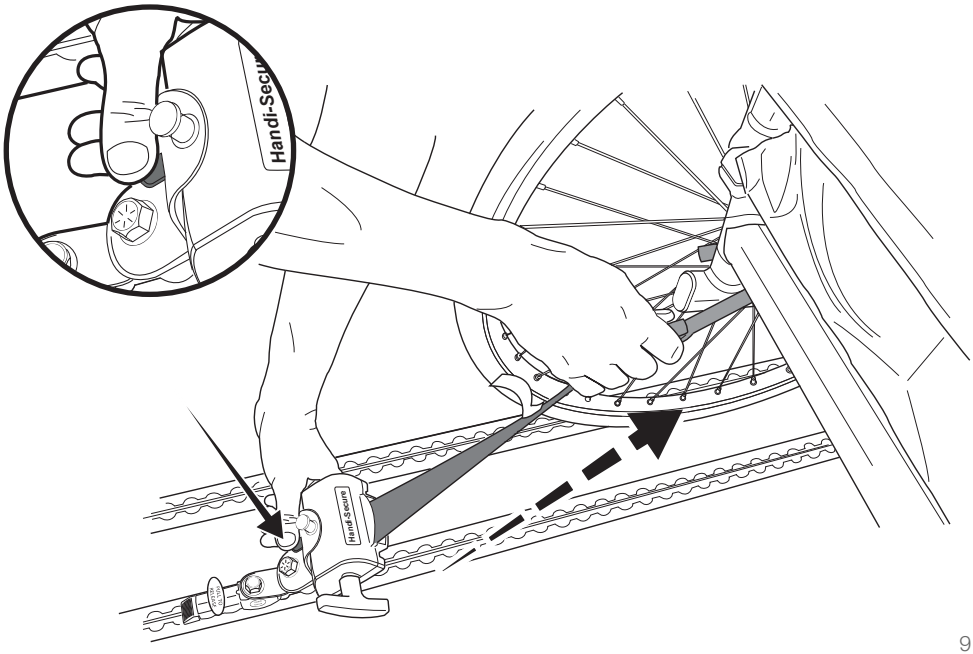
Slide the retractor until it fastens with a “click”.

See positions on pages 6 and 7.



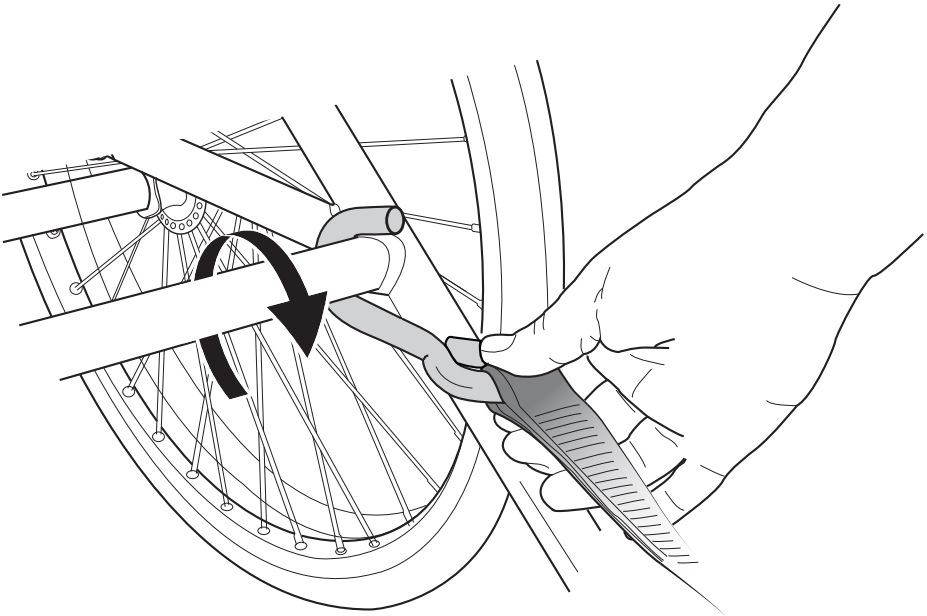
2

Press the red release lever. Pull out the belt.



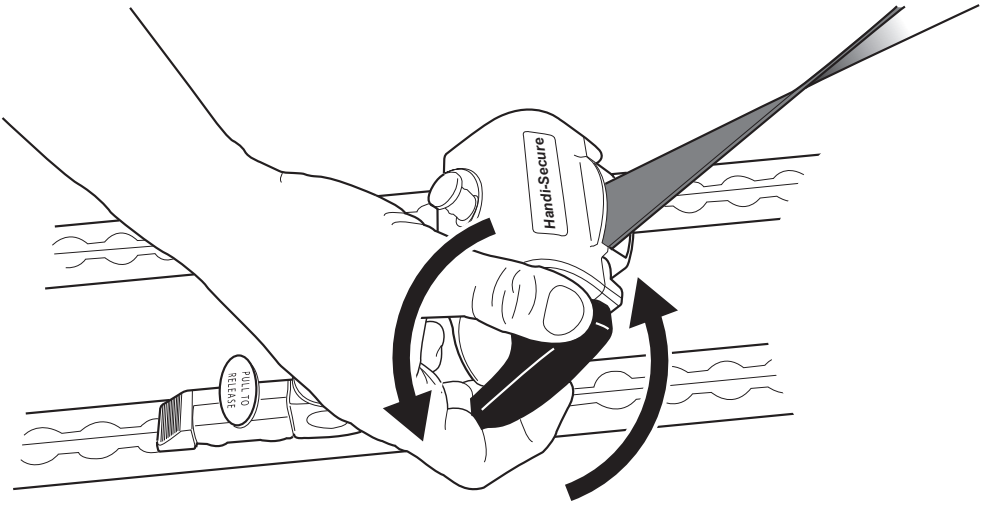
3

Connect the hooks to the frame of the wheelchair.



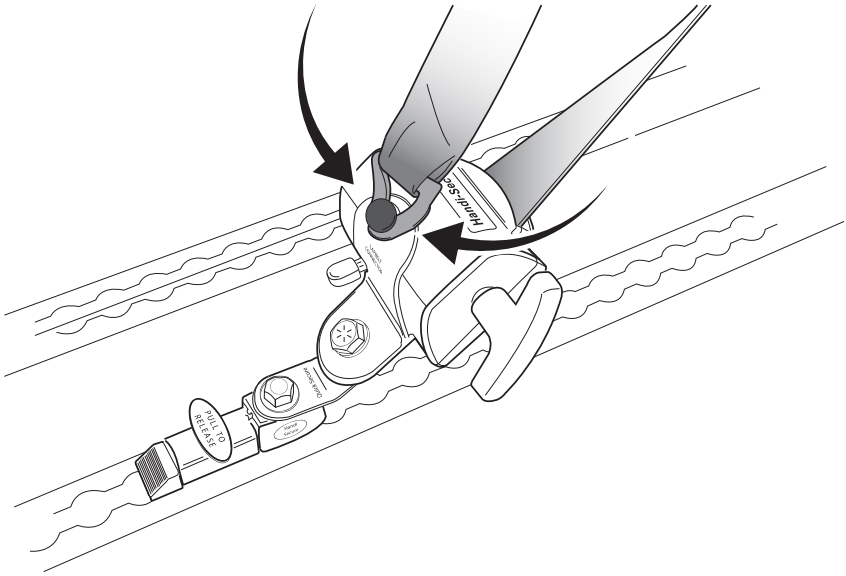
4

Fasten the belts with the black handles.



5

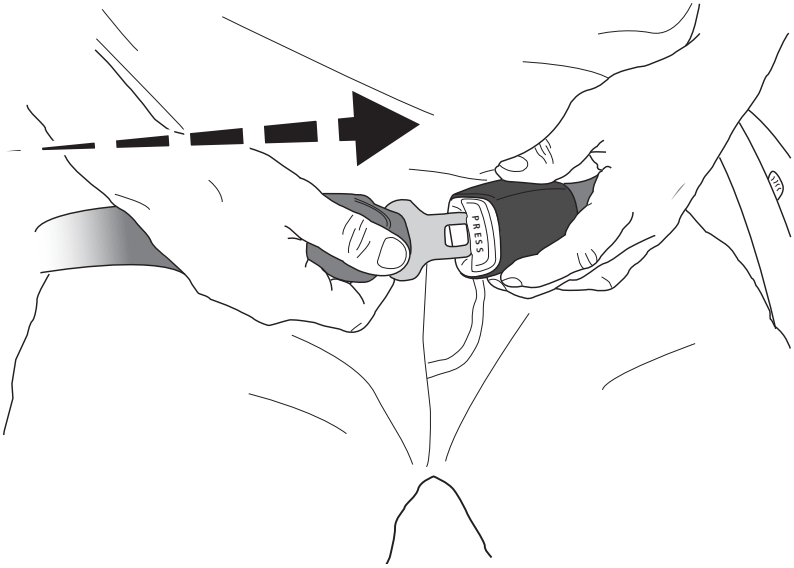
Connect the lap belts to rear two retractors.



6

Hook the in the lap belt buckle on the front passenger.

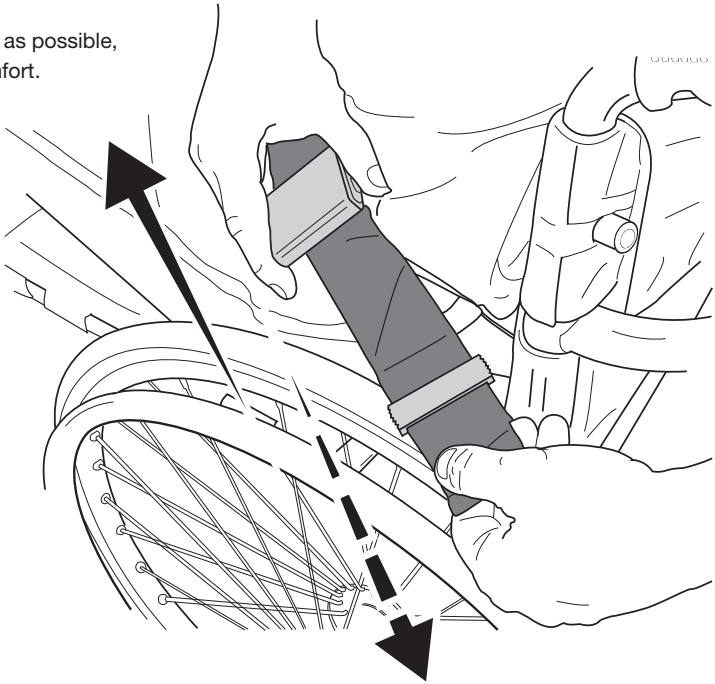
Place the belt buckle to the lowest and closest to the hip.



7

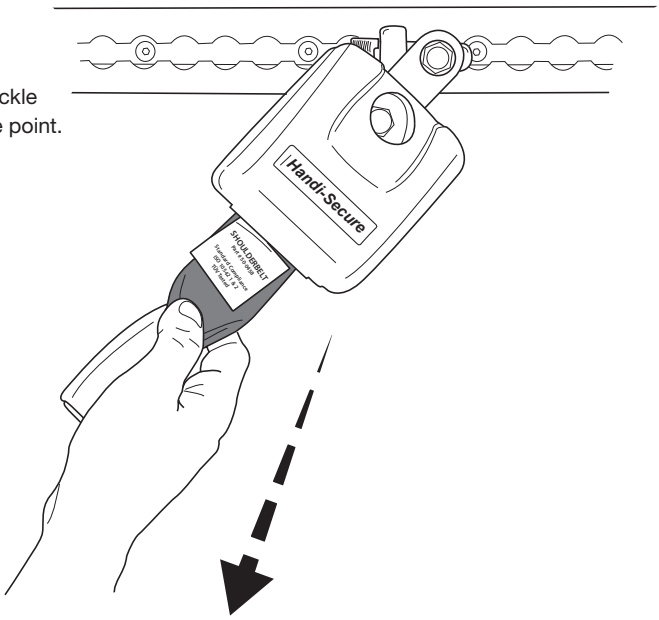
Tighten the lap belt to the left.

Adjust the belts as firmly as possible, consistent with user comfort.



8

Grab the shoulder belt buckle from the upper anchorage point.



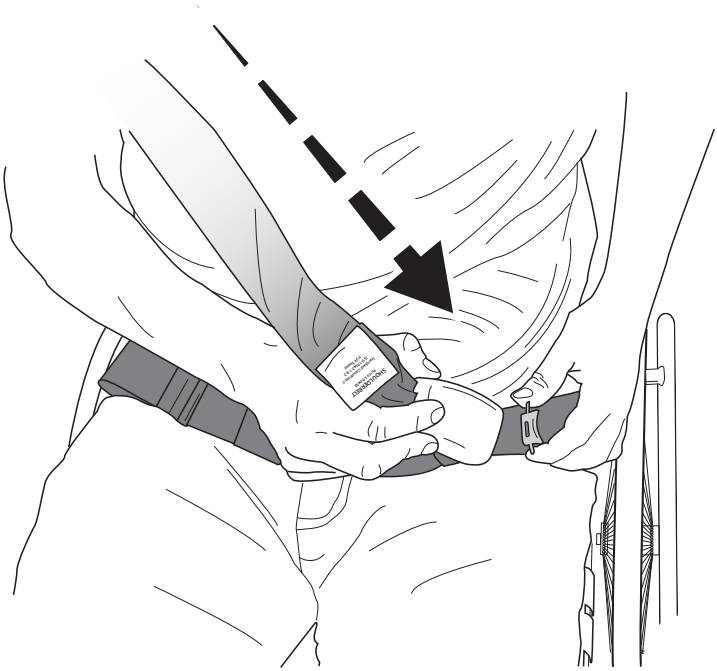
9

Connect the shoulder belt to the lap belt.

The automatic shoulder belt should tighten up by itself once you let go. If not: pull lightly and let go again until it tightens.

The static shoulder belt must be tightened manually.

Pull the belt strap like you do the lap belt.



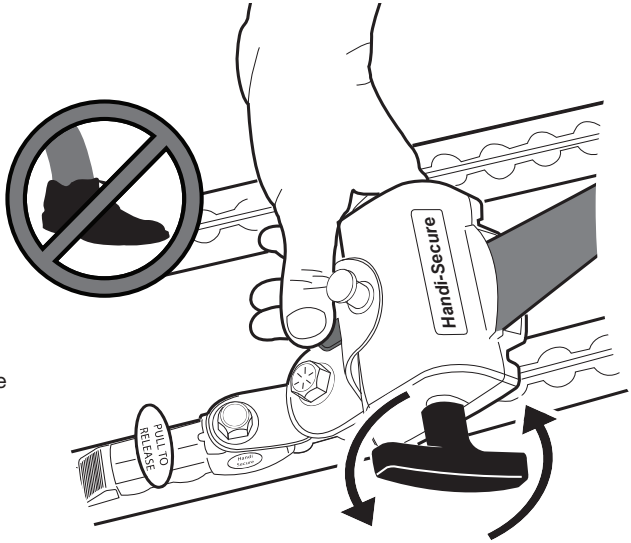
10

Release belts and retractors by pressing the red release lever.

The lever sometimes tightens to a degree that it is hard to press down. If so, turn the handle for the belt a little. This will release the lever.

Now you can press down and release the belt.

NB! Press the lever only by hand – do not step on it.



TÜV Rheinland Group

TÜVRheinland

Prüfgegenstand : Quick Connect Comfort
Antragsteller : Hermann Schnierle GmbH

Bestätigung
Nr.: 95XS0060-00

Antragsteller : Hermann Schnierle GmbH
Dieselstr 43
D-86368 Gersthofen

Betreff : Prüfung der Festigkeit eines Rollstuhlrückhaltesystemes gemäß ISO 10542-1.

Betroffene Fahrzeug bzw. Fahrzeugteile : Das Rollstulrückhaltesystem Comfort ISO Quick Connect wurde einer dynamischen Prüfung gemäß ISO 10542-1 unterzogen. Geprüft wurde auf einem Alusystemboden. Die Prüfteile haben den geforderten Lasten standgehalten.

Ergebnis : Das Rollstuhlrückhaltesystem entspricht hinsichtlich seiner Festigkeit den gemäß ISO 10542-1 geforderten Lasten. Eine Anbindung an ein Fahrzeug wurde nicht geprüft.

Köln, 05.03.2009

Prüflaboratorium Typprüfstelle Fahrzeuge/Fahrzeugteile
im Technologiezentrum Verkehrssicherheit
der TÜV Rheinland Kraftfahrt GmbH

Dipl.-Ing. Schulze Herding
(amtlich anerkannter Sachverständiger
für den Kraftfahrzeugverkehr)

Anlagen: Bedienungsanleitung, Fotos und Zeichnungen des Systemes (11 Blatt)

Warranty

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WHEELCHAIR & OCCUPANT **RESTRAINT SYSTEM**

Warranty for products sold under the responsibility of Handicare Auto Products:

Handicare Auto Products warrants to the original purchaser of this product that we will repair or replace any faulty parts, at our discretion.

Warranty period:

Any parts that fail by reason of defective material or workmanship will be offered a replacement of all parts for a period of one year. Labor costs for specified parts replaced under warranty are not covered by this warranty.
If applicable the product specific extended warranty obligations can be found online.

This warranty *does not* cover:

Damage caused by accident, misuse, abuse, lack of proper maintenance or failure to follow operating instructions. Required maintenance or repairs must be performed at that time, or as needed. Handicare Auto Products obligation under this warranty is exclusively limited to the repair or exchange of parts that fail within the applicable warranty period, and **Handicare Auto Products** assumes no responsibility for any other expenses or damages, including incidental or consequential damages.

This Warranty is void if:

The product has been modified or altered in any respect from its original design without written authorization by Handicare as this product has been designed and manufactured to a specific purpose. Modification of this product in any respect is DANGEROUS.

Handicare Auto Products disclaims liability for any personal injury or property damage that results from operation of a product that has been modified from the original Handicare Auto Products design. No person or company is authorized to change the design of this product without written authorization by Handicare Auto Products.

Warranty handling procedure:

Returning of parts / goods with a warranty claim can only take place with a pre-written agreement in the form of a “return number” issued by Handicare, as well as a completely filled Warranty Claim form. The claims form can be found online.

Claim validitation process – spare parts and products (hereafter named goods):

Handicare will when needed as soon as possible send a replacement for the claimed goods. Any replacement goods will be invoiced to the customer.

Claimed goods which are applicable to be covered by the warranty must be returned to Handicare without delay, with a copy of the original invoice, and the warranty claim form describing the default in the claimed warranty goods. Handicare will upon receipt inspect the returned claimed goods. The customer pays for the freight cost in connection with returning goods to Handicare Auto Products at warranty issues.

In case the goods is covered by the warranty, there will be made a credit note for the replacement goods which has been send earlier. If the claim is not accepted under the warranty, the invoice must be fully paid.

Unless anything else has been agreed the risk for the replacement goods is passed on to the purchaser by delivery at sellers address (Incoterms 2010 EX Works). Furthermore we refer to our general sales- and delivery terms.

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